

NEBRASKA DEPARTMENT OF ROADS
Fatal Accident Application
Fatal OFF Accident Procedures
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NAD 83 OFF Accident Conversion:

1. Extract fatal accidents from NAD 27 StateYRoff.dgn
 - a. Create ULF based on severity code = 1
 - b. Use RIS Interactive to query severity_code 1 count
 - c. The two counts above MUST match
 - d. Create DGN file (fatalYRoff.dgn)
2. Project fatalYRoff to NAD 83 fatalYRoff.d83
3. Blank attributes *longitude* and *latitude* to NULL
 - a. Use RIS Interactive
 - b. Update accidents_YR_off Set longitude = null, latitude = null where severity_code = '1'
4. Re-compute *longitude* and *latitude*
 - a. Enter fatalYRoff.d83
 - b. Create ULF of fatal accidents
 - c. Load longitude and latitude values using *point_loader*
5. Insert *accidents_YR_off* into *accidents_fatal*
 - a. Use RIS Interactive
 - b. Insert into *accidents_fatal* (*mslink*, *longitude*, *latitude*, *accident_key*) select 0, *longitude*, *latitude*, *accident_key* from *accidents_YR_off* where severity_code = '1'
 - c. Check fatal_accidents - Select count(*) from *accidents_fatal* where *mslink* = 0
 - d. If totals do no match, correct prior errors prior to Step e.
 - e. When correct run *mslnkldr* (MGE Prompt: *mslnkldr - v - t accidents_fatal*)
6. Place Fatal OFF accidents into DGN file
 - a. Use Modular GIS Environment menu tools
 - b. Use *point_placer*
7. Populate fatal accident attributes
 - a. Extract HIS data using fatal update query
 - b. Execute *up_fatal.exe* to populate fatal accident attributes
Up_fatal.exe c:\users\safety off filename
8. Populate coordinate values
 - a. Longitude/Latitude populated
 - b. Populate geographic coordinates *longitude_dms* and *latitude_dms* using *point_loader*
 - c. Populate projection coordinate *stateplane_x* and *stateplane_y* using *point_loader*